



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090394-A

Mode: Highway

Status: Submitted

NC-191 (Brevard Road/Old Haywood Road)

From/Cross Street: NC 280

Specific Improvement Type: 1 - Widen Existing Roadway

To: NC 146

Project Category: Regional Impact

Length: 4.65

TIP#: U-3403A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$33,218,000

Description:

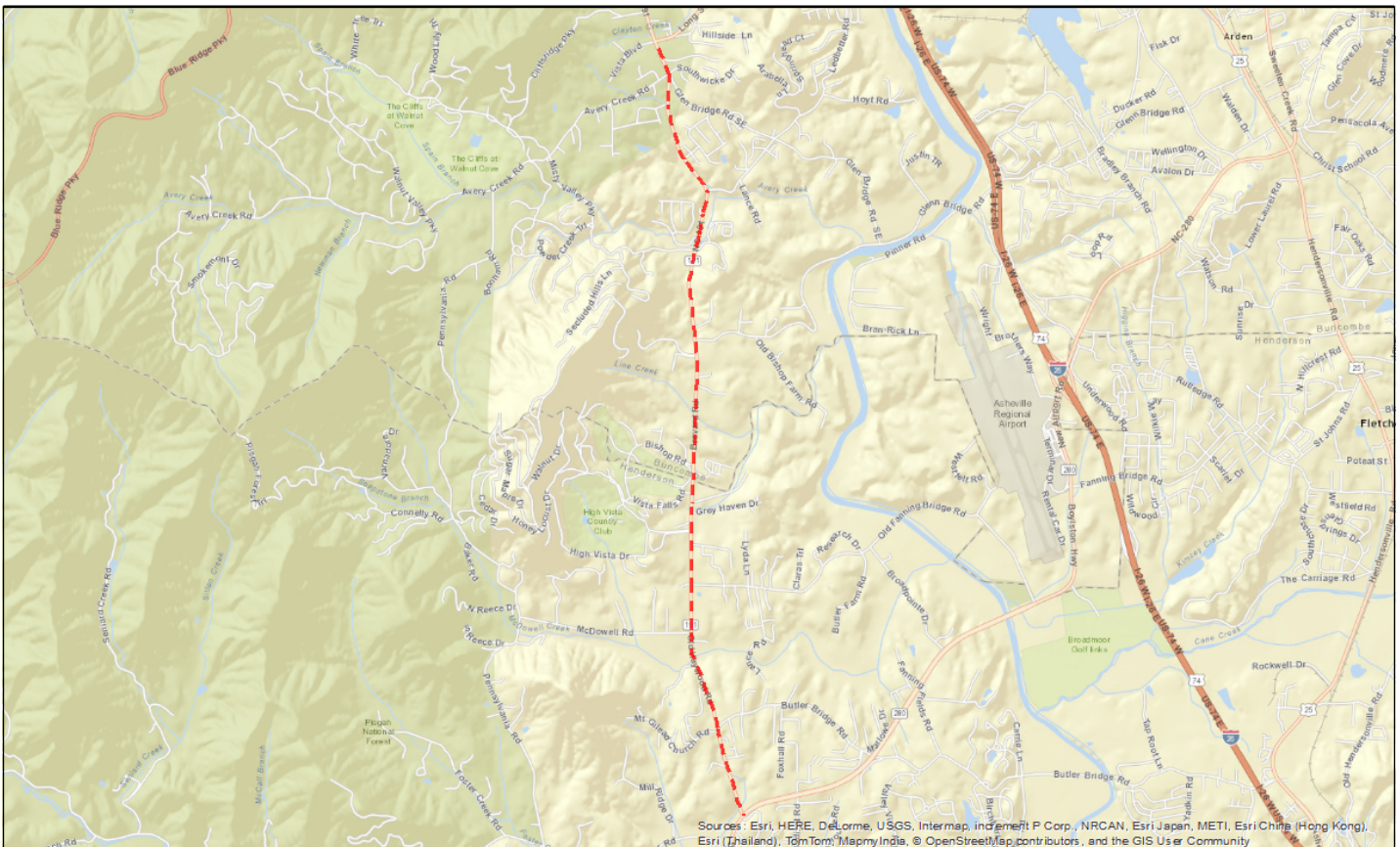
Widen to Multi-Lanes with Bicycle Lanes

Division(s): Division 13, Division 14

County(s): BUNCOMBE, HENDERSON

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 29.45

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (25%) 1.50	Percent: 15%	Percent: 15%
Accessibility / Connectivity (10%) 14.98	Points: 0	Points: 100
Congestion (V/C) (25%) 26.95		
Safety (10%) 58.35		
Totals: Weight: 70% Weighted Score: 14.45		

Division Needs Total Score: 11.52

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 26.95	Percent: 25%	Percent: 25%
Safety (10%) 58.35	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 1.50		
Totals: Weight: 50% Weighted Score: 11.52		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	54
Length (miles):	4.65
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	6419.92
Capacity:	15800.03
Volume/Capacity Ratio:	0.41
% Autos:	95%
% Trucks:	5%
Truck Volume:	298.98
Crash Density:	56.74
Crash Severity:	75.9
Critical Crash Rate:	42.42
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	92
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	4.65
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	2227348.37
Travel Time Savings for 30 Years (Autos):	2123619.62
Travel Time Savings for 30 Years (Trucks):	103728.75
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	57%	0	0
Division 14	43%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$26,220,000	TIP Unit
Right-of-Way Cost:	\$6,248,000	Cost Estimation Tool
Utilities Cost:	\$750,000	Cost Estimation Tool
Total Project Cost:	\$33,218,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$33,218,000	